Name of Work:Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03

EMB

"FIRST AND FINAL BILL"

Name of Work:Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)							
	Escorts layout							
	Bottam Slab							
	Cross Rd-1							
	LHS							
	Ch:0.00m to 30.00m		1	16.30	1.65		26.90	
	Ch:30.00m to53.30m		1	10.40	1.65		17.16	
	RHS							
	Ch:0.00m to 30.00m		1	13.40	1.65		22.11	
	Ch:30.00m to53.30m		1	6.80	1.65		11.22	
	Cross Rd-2							
	LHS							
	Ch:0.00m to 30.00m		1	10.70	1.65		17.66	
	Ch:30.00m to 55.90m		1	6.30	1.65		10.40	
	RHS							
	Ch:0.00m to 30.00m		1	18.90	1.65		31.19	
	Ch:30.00m to 55.90m		1	5.40	1.65		8.91	
	Cross Rd-3							
	LHS							
	Ch:0.00m to 30.00m		1	9.80	1.65		16.17	
	Ch:30.00m to 58.70m		1	12.90	1.65		21.29	
	RHS							
	Ch:0.00m to 30.00m		1	14.70	1.65		24.26	
	Ch:30.00m to 58.70m		1	5.60	1.65		9.24	
						Present Qty	**216.48**	**Sqm**

Contractor

Asst. Engineer

Asst. Exec. Engineer,

Name of Work:Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)							
	RCC Drain							
	Chikkadinne							
	3rd Main Rd							
	LHS							
	Ch:0.00m to 1.20m		1	1.2	0.90	1.00	1.08	
	Ch:1.20m to 9.80m		1	8.6	0.90	1.00	7.74	
	Ch:9.80m to 17.00m		1	7.2	0.90	1.00	6.48	
	Ch:17.00m to 21.20m		1	4.2	0.90	1.00	3.78	
	Ch: 21.20m to 25.20m		1	4.0	0.90	1.00	3.60	
	Ch:25.20m to 30.20m		1	5.0	0.90	1.00	4.50	
	Ch:30.20m to 34.80m		1	4.6	0.90	1.00	4.14	
	Ch:34.80m to 36.60m		1	1.8	0.90	1.00	1.62	
	Ch:36.60m to 39.70m		1	3.1	0.90	1.00	2.79	
	Ch:39.70m to 44.00m		1	4.3	0.90	1.00	3.87	
	Ch:44.00m to 54.50m		1	10.5	0.90	1.00	9.45	
	Ch:54.50m to 75.40m		1	20.9	0.90	1.00	18.81	
	Ch:75.40m to 77.20m		1	1.8	0.90	1.00	1.62	
	Ch:77.20m to 79.70m		1	2.5	0.90	1.00	2.25	
	Ch:79.70m to 84.00m		1	4.3	0.90	1.00	3.87	
	Ch:84.00m to 114.00m		1	30.0	0.90	1.00	27.00	
	Ch:114.00m to115.80m		1	1.8	0.90	1.00	1.62	
	RHS							
	Ch:0.00m to 3.00m		1	3.0	0.90	1.00	2.70	
	Ch: 3.00m to 9.90m		1	9.9	0.90	1.00	8.91	
	Ch: 9.90m to 38.90m		1	26.0	0.90	1.00	23.40	
	Ch:38.90m to 43.30m		1	4.4	0.90	1.00	3.96	
	Ch:43.30m to 65.80m		1	22.5	0.90	1.00	20.25	
	Ch:65.80m to 72.10m		1	6.3	0.90	1.00	5.67	
	Ch:72.10m to 74.60m		1	2.5	0.90	1.00	2.25	
	Ch:74.60m to 85.30m		1	10.7	0.90	1.00	9.63	
	Ch:85.30m to 87.80m		1	2.5	0.90	1.00	2.25	
	Ch:87.80m to 92.90m		1	5.1	0.90	1.00	4.59	

actor

Asst. Engineer

Asst. Exec. Engineer,

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:92.90m to 102.90m		1	10.0	0.90	1.00	9.00	
	Ch:102.90m to 113.30m		1	10.4	0.90	1.00	9.36	
	Attur							
	6th A cross LHS							
	Ch:0.00m to 30.0m		1	30.0	0.85	1.00	25.50	
	Ch:30.0m to 52.50m		1	22.5	0.85	1.00	19.13	
	For Drain Desilt							
	Escorts layout							
	Cross Rd-1							
	LHS							
	Ch:0.00m to 30.00m		1	30.0	0.40	0.30	3.60	
	Ch:30.00m to53.30m		1	23.3	0.40	0.30	2.80	
	RHS							
	Ch:0.00m to 30.00m		1	30.0	0.40	0.30	3.60	
	Ch.30.00m to53.30m		1	23.3	0.40	0.30	2.80	
	Cross Rd-2							
	LHS							
	Ch:0.00m to 30.00m		1	30.0	0.40	0.35	4.20	
	Ch 30.00m to 55.90m		1	25.9	0.40	0.35	3.63	
	RHS							
	Ch:0.00m to 30.00m		1	30.0	0.40	0.35	4.20	
	Ch:30.00m to 55.90m		1	25.9	0.40	0.35	3.63	
	Cross Rd-3							
	LHS							
	Ch:0.00m to 30.00m		1	30.0	0.45	0.30	4.05	
	Ch:30.00m to 58.70m		1	28.7	0.45	0.30	3.87	
	RHS							
	Ch:0.00m to 30.00m		1	30.0	0.45	0.30	4.05	
	Ch:30.00m to 58.70m		1	28.7	0.45	0.30	3.87	
						Present Qty	**295.11**	**Cum**

Asst. Engineer

Asst. Exec. Engineer,

Name of Work:Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03

Surement Recorded On:

Detailed Measurements

m o	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications No. 222/ Item No.							
	RCC Drain							
	Chikkadinne							
	3rd Main Rd							
	LHS							
	Ch:0.00m to 1.20m		1	1.2	0.90	0.15	0.16	
	Ch:1.20m to 9.80m		1	8.6	0.90	0.15	1.16	
	Ch:9.80m to 17.00m		1	7.2	0.90	0.15	0.97	
	Ch:17.00m to 21.20m		1	4.2	0.90	0.15	0.57	
	Ch: 21.20m to 25.20m		1	4.0	0.90	0.15	0.54	
	Ch:25.20m to 30.20m		1	5.0	0.90	0.15	0.68	
	Ch:30.20m to 34.80m		1	4.6	0.90	0.15	0.62	
	Ch:34.80m to 36.60m		1	1.8	0.90	0.15	0.24	
	Ch:36.60m to 39.70m		1	3.1	0.90	0.15	0.42	
	Ch:39.70m to 44.00m		1	4.3	0.90	0.15	0.58	
	Ch:44.00m to 54.50m		1	10.5	0.90	0.15	1.42	
	Ch:54.50m to 75.40m		1	20.9	0.90	0.15	2.82	
	Ch:75.40m to 77.20m		1	1.8	0.90	0.15	0.24	
	Ch:77.20m to 79.70m		1	2.5	0.90	0.15	0.34	
	Ch:79.70m to 84.00m		1	4.3	0.90	0.15	0.58	
	Ch:84.00m to 114.00m		1	30.0	0.90	0.15	4.05	
	Ch:114.00m to115.80m		1	1.8	0.90	0.15	0.24	
	RHS							
	Ch:0.00m to 3.00m		1	3.0	0.90	0.15	0.41	
	Ch: 3.00m to 9.90m		1	9.9	0.90	0.15	1.34	
	Ch: 9.90m to 38.90m		1	26.0	0.90	0.15	3.51	
	Ch:38.90m to 43.30m		1	4.4	0.90	0.15	0.59	
	Ch:43.30m to 65.80m		1	22.5	0.90	0.15	3.04	
	Ch:65.80m to 72.10m		1	6.3	0.90	0.15	0.85	
	Ch:72.10m to 74.60m		1	2.5	0.90	0.15	0.34	
	Ch:74.60m to 85.30m		1	10.7	0.90	0.15	1.44	
	Ch:85.30m to 87.80m		1	2.5	0.90	0.15	0.34	
	Ch:87.80m to 92.90m		1	5.1	0.90	0.15	0.69	
	Ch:92.90m to 102.90m		1	10.0	0.90	0.15	1.35	
	Ch:102.90m to 113.30m		1	10.4	0.90	0.15	1.40	

ntractor

Asst. Engineer

Asst. Exec. Engineer,

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Attur							
6th A cross LHS							
Ch:0.00m to 30.0m		1	30.0	0.85	0.15	3.83	
Ch:30.0m to 52.50m		1	22.5	0.85	0.15	2.87	
					Present Qty	**37.62**	**Cum**

ntractor

Asst. Engineer,

Asst. Exec. Engineer,

ame of Work:Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03

urement Recorded On:

Detailed Measurements

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever							
Chikkadinne							
3rd Main Rd							
LHS (From Main Rd)							
Total Drain length=115.8m							
Main bar 10mm dia bar @ 140mm							
0.61kg/mtr							
No of U-bar=820Nos		820	1.90		0.61	950.38	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		12	115.80		0.61	847.66	
RHS(From Dead end)							
Total Drain length=113.3m							
Main bar 10mm dia bar @ 140mm							
0.61kg/mtr							
No of U-bar=805Nos		805	1.80		0.61	883.89	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		12	113.30		0.61	829.36	
Attur							
6th A cross LHS							
Total Drain length=52.5m							
Main bar 10mm dia bar @ 140mm							
0.61kg/mtr							
No of U-bar=372Nos		372	1.80		0.61	408.46	
Distribution bar							
Distribution bar 10mm dia @ 140mm							
0.61kg/mtr		12	52.50		0.61	384.30	
						4304.04	Kgs
						4.30	**Ton**

Contractor

Assistant Engineer

Asst. Executive Engineer,

Name of Work: Improvements to Cross Roads at [illegible]

Detailed Measurement

Measurement Recorded On:

Item No	Description of Item	No	Length	Breadth	Unit	Quantity
9	KSRRB 300-38. Compaction of original ground by mechanical means including [illegible] depression occurring during rolling including cost of all labour, [illegible] specifications MORTH / Chapter 3(P.No-147,I No-19.61)					
	Asphalt Road					
	Escorts layout					
	Cross Rd-1					
	Ch:0.00m to 30.00m	1	30.00	(3.90 + 3.80)/2		[illegible]
	Ch:30.00m to 53.3m	1	23.30	(3.80 + 3.90)/2		[illegible]
	Cross Rd-2					
	Ch:0.00m to 30.00m	1	30.00	(3.80 + 4.00)/2		[illegible]
	Ch:30.00m to 55.9m	1	25.90	(4.00 + 3.90)/2		[illegible]
	Cross Rd-3					
	Ch:0.00m to 30.00m	1	30.00	(3.80 + 4.00)/2		[illegible]
	Ch:30.00m to 58.7m	1	28.70	(4.00 + 4.20)/2		[illegible]
					Present Qty	658.08 [illegible]

Contractor

Asst. Engineer

Asst. Exec. Engineer,

Name of Work:Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03

Detailed Measurements

leasurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per						
	Asphalt Road						
	Escorts layout						
	Cross Rd-1						
	Ch:0.00m to 30.00m	1	30.00	(3.90 + 3.80)/2	0.200	23.10	
	Ch:30.00m to 53.3m	1	23.30	(3.80 + 3.90)/2	0.200	17.94	
	Cross Rd-2						
	Ch:0.00m to 30.00m	1	30.00	(3.80 + 4.00)/2	0.200	23.40	
	Ch:30.00m to 55.9m	1	25.90	(4.00 + 3.90)/2	0.200	20.46	
	Cross Rd-3						
	Ch:0.00m to 30.00m	1	30.00	(3.80 + 4.00)/2	0.200	23.40	
	Ch:30.00m to 58.7m	1	28.70	(4.00 + 4.20)/2	0.200	23.53	
	Escorts layout Pot Hole						
		1	2.60	(1.40 + 1.60)/2	0.200	0.78	
		1	1.40	(1.50 + 1.80)/2	0.200	0.46	
		1	1.90	(1.60 + 1.50)/2	0.200	0.59	
		1	3.80	(1.20 + 1.50)/2	0.200	1.03	
		1	4.50	(0.90 + 1.10)/2	0.200	0.90	
		1	1.90	(1.80 + 1.90)/2	0.200	0.70	
		1	3.00	(1.80 + 1.50)/2	0.200	0.99	

ntractor

Asst. Engineer

Asst. Exec. Engi

Name of Work:Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03

Detailed Measurements

easurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.						
	Asphalt Road						
	Escorts layout						
	Cross Rd-1						
	Ch 0.00m to 30.00m	1	30.00	(3.90 + 3.80)/2		115.50	
	Ch 30.00m to 53.3m	1	23.30	(3.80 + 3.90)/2		89.71	
	Cross Rd-2						
	Ch 0.00m to 30.00m	1	30.00	(3.80 + 4.00)/2		117.00	
	Ch 30.00m to 55.9m	1	25.90	(4.00 + 3.90)/2		102.31	
	Cross Rd-3						
	Ch 0.00m to 30.00m	1	30.00	(3.80 + 4.00)/2		117.00	
	Ch 30.00m to 58.7m	1	28.70	(4.00 + 4.20)/2		117.67	
	Escorts layout Pot Hole						
		1	2.60	(1.40 + 1.60)/2		3.90	
		1	1.40	(1.50 + 1.80)/2		2.31	
		1	1.90	(1.60 + 1.50)/2		2.95	
		1	3.80	(1.20 + 1.50)/2		5.13	
		1	4.50	(0.90 + 1.10)/2		4.50	
		1	1.90	(1.80 + 1.90)/2		3.52	
		1	3.00	(1.80 + 1.50)/2		4.95	
		1	1.80	(1.60 + 1.60)/2		2.88	
		1	1.80	(1.40 + 1.60)/2		2.70	

ntractor

Asst. Engineer

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length		
		1	2.00	1.20 + 1.30 / 2	
		1	2.30	1.50 + 1.40 / 2	
		1	1.90	1.80 + 1.70 / 2	
		1	1.60	1.60 + 1.40 / 2	
		1	2.50	1.60 + 1.20 / 2	
		1	2.30	1.50 + 1.40 / 2	
		1	1.80	1.20 + 1.30 / 2	
		1	1.00	1.20 + 1.30 / 2	
		1	1.20	1.80 + 1.50 / 2	
		1	1.60	1.00 + 0.90 / 2	
				Present Qty	717.41 Sqm

ntractor

Asst. Engineer

Asst. Exec. Engineer,

Name of Work:Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03

Detailed Measurements

Measurement Recorded On:

	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)									
	Vide Premeasurement page no.									
							Present Qty	**216.55**	**Sqm**	**111.30**	**24103.00**
	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.									
	Vide Premeasurement page no.									
							Present Qty	**295.11**	**Cum**	**215.28**	**63531.00**
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal course aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM									
	Vide Premeasurement page no.									
							Present Qty	**37.62**	**Cum**	**5421.90**	**203972.00**
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well competed for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete									
	Vide Premeasurement page no.									
							Present Qty	**71.72**	**Cum**	**7070.20**	**507082.00**
	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever									
	Vide Premeasurement page no.									
							Present Qty	**4.30**	**Tn**	**73992.24**	**318466.00**

Asst. Exec. Engineer,

Asst. Engineer

	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5 cms thick									
	Vide Premeasurement page no.									
						Present Qty	**143.88**	**Sqm**	**742.00**	**106759.00**
	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.									
	Vide Premeasurement page no.									
						Present Qty	**320.46**	**Cum**	**63.94**	**20491.00**
9	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.									
	Vide Premeasurement page no.									
						Present Qty	**659.18**	**Cum**	**6.36**	**4193.00**
10	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on									
	Vide Premeasurement page no.									
						Present Qty	**107.61**	**Cum**	**1994.92**	**214675.00**
11	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers									
	Vide Premeasurement page no.									
						Present Qty	**143.48**	**Cum**	**2001.28**	**287146.00**
12	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.									
	Vide Premeasurement page no.									
						Present Qty	**717.41**	**Sqm**	**28.62**	**20533.00**

Asst. Engineer

Asst. Exec. Engineer,

Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory									
Vide Premeasurement page no.									
					Present Qty	**11.27**	**Cum**	**6597.44**	**74338.00**
KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road									
Vide Premeasurement page no.									
					Present Qty	**717.41**	**Sqm**	**12.72**	**9126.00**

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: **Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03**

Measurement Recorded On:

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the									
	RCC Drain									
	Chikkadinne									
	3rd Main Rd									
	LHS									
	Ch:0.00m to 1.20m		1	1.20	0.75		0.90			
	Ch:1.20m to 9.80m		1	8.60	0.75		6.45			
	Ch:9.80m to 17.00m		1	7.20	0.75		5.40			
	Ch:17.00m to 21.20m		1	4.20	0.90		0.00			
	Ch: 21.20m to 25.20m		1	4.00				Bs		
	Ch:25.20m to 30.20m		1	5.00	0.75		3.75			
	Ch:30.20m to 34.80m		1	4.60	0.90		0.00			
	Ch:34.80m to 36.60m		1	1.80	0.75		1.35			
	Ch:36.60m to 39.70m		1	3.10	0.75		2.33			
	Ch:39.70m to 44.00m		1	4.30				Bs		
	Ch:44.00m to 54.50m		1	10.50	0.90		0.00			
	Ch.54.50m to 75.40m		1	20.90	0.75		15.68			
	Ch:75.40m to 77.20m		1	1.80				Bs		
	Ch:77.20m to 79.70m		1	2.50	0.75		1.88			
	Ch:79.70m to 84.00m		1	4.30	0.75		3.23			
	Ch:84.00m to 114.00m		1	30.00	0.75		22.50			
	Ch:114.00m to115.80m		1	1.80	0.90		0.00			
	RHS									
	Ch:0.00m to 3.00m		1	3.00	0.75		2.25			
	Ch: 3.00m to 9.90m		1	9.90	0.90		0.00			
	Ch: 9.90m to 38.90m		1	26.00	0.75		19.50			
	Ch:38.90m to 43.30m		1	4.40				Bs		
	Ch:43.30m to 65.80m		1	22.50	0.90		0.00			
	Ch:65.80m to 72.10m		1	6.30	0.75		4.73			
	Ch:72.10m to 74.60m		1	2.50	0.90		0.00			
	Ch:74.60m to 85.30m		1	10.70				Bs		
	Ch:85.30m to 87.80m		1	2.50	0.90		0.00			
	Ch:87.80m to 92.90m		1	5.10	0.75		3.83			
	Ch:92.90m to 102.90m		1	10.00	0.90		0.00			
	Ch:102.90m to 113.30m		1	10.40				Bs		
	Attur									

Asst. Engineer

Asst. Exec. Engineer,

Item	Discription of Item		No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	6th A cross LHS									
	Ch:0.00m to 30.0m		1	30.00	0.75		22.50			
	Ch:30.0m to 52.50m		1	22.50	0.75		16.88			
	Missing/Damaged slabs									
	Attur									
			20	0.60	0.90		10.80			
			12	0.60	0.90		6.48			
			8	0.60	0.90		4.32			
			13	0.60	0.90		7.02			
	Attur layout									
			9	0.60	0.90		4.86			
			15	0.60	0.90		8.10			
			6	0.60	0.90		3.24			
			11	0.60	0.90		5.94			
			12	0.60	0.90		6.48			
			5	0.60	0.90		2.70			
			16	0.60	0.90		8.64			
	Santoshnagara									
			14	0.60	0.90		7.56			
			13	0.60	0.90		7.02			
			7	0.60	0.90		3.78			
			16	0.60	0.90		8.64			
			8	0.60	0.90		4.32			
			15	0.60	0.90		8.10			
			10	0.60	0.90		5.40			
			5	0.60	0.90		2.70			
			12	0.60	0.90		6.48			
	CQAL Layout									
			11	0.60	0.90		5.94			
			8	0.60	0.90		4.32			
						Present Qty	**265.68**	**Sqm**	**2337.00**	**620895.00**

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
15	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015 using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4								
	Asphalt Road								
	Escorts layout								
	Cross Rd-1								
	Ch.0.00m to 30.00m	1	30.00	(3.90 + 3.80)/2	0.03	3.47			
	Ch.30.00m to 53.3m	1	23.30	(3.80 + 3.90)/2	0.03	2.69			
	Cross Rd-2								
	Ch.0.00m to 30.00m	1	30.00	(3.80 + 4.00)/2	0.02	3.51			
	Ch.30.00m to 55.9m	1	25.90	(4.00 + 3.90)/2	0.03	3.07			
	Cross Rd-3								
	Ch.0.00m to 30.00m	1	30.00	(3.80 + 4.00)/2	0.03	3.51			
	Ch.30.00m to 58.7m	1	28.70	(4.00 + 4.20)/2	0.03	3.53			
	Escorts layout Pot Hole								
		1	2.60	(1.40 + 1.60)/2	0.03	0.12			
		1	1.40	(1.50 + 1.80)/2	0.03	0.07			
		1	1.90	(1.60 + 1.50)/2	0.03	0.09			
		1	3.80	(1.20 + 1.50)/2	0.03	0.15			
		1	4.50	(0.90 + 1.10)/2	0.02	0.14			
		1	1.90	(1.80 + 1.90)/2	0.03	0.14			
		1	3.00	(1.80 + 1.50)/2	0.03	0.15			
		1	1.80	(1.60 + 1.60)/2	0.03	0.09			
		1	1.80	(1.40 + 1.60)/2	0.03	0.08			

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
		1	2.00	1.20 + 1.30 / 2	0.03	0.08			
		1	2.30	1.50 + 1.40 / 2	0.03	0.10			
		1	1.90	1.80 + 1.70 / 2	0.03	0.10			
		1	1.60	1.60 + 1.40 / 2	0.03	0.07			
		1	2.50	1.60 + 1.20 / 2	0.03	0.11			
		1	2.30	1.50 + 1.40 / 2	0.03	0.10			
		1	1.80	1.20 + 1.30 / 2	0.03	0.07			
		1	1.00	1.20 + 1.30 / 2	0.03	0.04			
		1	1.20	1.80 + 1.50 / 2	0.03	0.06			
		1	1.60	1.00 + 0.90 / 2	0.03	0.05			
					Present Qty	21.52	Cum	7753.90	166881.00

Asst. Engineer

Asst. Exec. Engineer,

Name of Work:Improvements to Cross Roads at Escort Layout and Chikkadinne in Ward no-03

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
17	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go								
	Escorts layout								
	Cross Rd-1								
	Ch:0.00m to 30.00m	2	5.0			10.00			
	Ch:30.00m to53.30m	2	3.0			6.00			
	Cross Rd-2								
	Ch:0.00m to 30.00m	2	5.0			10.00			
	Ch:30.00m to 55.90m	2	3.0			6.00			
	Cross Rd-3								
	Ch:0.00m to 30.00m	2	5.0			10.00			
	Ch:30.00m to 58.70m	2	3.0			6.00			
					Present Qty	**48.00**	**Nos**	**357.22**	**17147.00**
							Total		**2674609.00**
							GST 12%		**320953.08**
							Grand Total		**2995562.08**

tractor

Asst. Engineer

Asst. Exec. Engineer,